

**Order Code 16960 - Pulse Generator** is a reliable, general purpose pulse generator. The circuit is based on high performance integrated circuits. The main useful feature of this pulse generator is its independent control over both pulse-width and pulse-frequency. It is capable of generating pulse-waveforms over a wide frequency range. It will prove to be useful for general fault finding, circuit design and study of electronic circuits and systems.

The entire unit is housed in a well ventilated sturdy steel cabinet with enamel finish and processed silver grey front panel.



### SPECIFICATIONS

01. **Pulse Frequency Range** : 0.1 Hz to 100 KHz divided into six decades as under

0.1 Hz	—	1 Hz
1 Hz	—	10 Hz
10 Hz	—	100 Hz
100 Hz	—	1 KHz
1KHz	—	10 KHz
10 KHz	—	100 KHz

02. **Pulse Width Ranges** : 100 nano Sec to 1 Sec divided into seven decades as under:

100 ns	—	1 $\mu$ s
1 $\mu$ s	—	10 $\mu$ s
10 $\mu$ s	—	100 $\mu$ s
100 $\mu$ s	—	1 ms
1 ms	—	10 ms
10 ms	—	100 ms
100 ms	—	1 s

\* All ranges overlap by approx. 15% of the max. nominal range value at either end. This ensures total coverage and ease of use.

03. **Variable Output** : Level = 0-10V P-P Variable Pulse Width=100 ns to 1s as per the above ranges.

04. **Fixed Normal/inverted Outputs**

- (a) Output Impedance : 70 Ohm (HIGH LEVEL), 12 Ohm (LOW Level).
- (b) Compatibility : TTL Logic Compatible.
- (c) Driving Capacity : Max. 10 TTL loads.
- (d) Rise & Fall Time : Better than 10 ns unloaded.

05. **Power Requirement** : 230V  $\pm$  10% at 50 Hz A.C. Mains.

06. **Weight** : 4 Kg. (Approx)

07. **Dimension** : W 290 x H 160 x D 230

\* Mains ON/OFF switch, Fuse and Jewel light.

\* Strongly supported by detailed Operating Instructions.

Note: Specifications are subject to change.

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